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Certain reactions of 2,2,2-trialkoxy- Δ 4-oxaphospholenes

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Abstract

1. β -(Dimethylphosphono)propionaldehyde was obtained by hydrolysis of 2,2,2-trimethoxy-4-oxaphospholene. 2. Upon reaction of 2,2,2-trimethoxy- Δ 4-oxaphospholene with acetic acid and acetic anhydride, opening of the phosphorane ring occurs of the P-O bond with formation of β -(dimethylphosphono)propionaldehyde and its enol acetate, respectively. © 1969 Consultants Bureau.

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